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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of

Applicant(s) : Arturo J. Garcia and Arturo H. Garcia

Serial No. : 08/472,876

Filed : June 7, 1995

Title : APPARATUS AND METHOD OF
ENHANCING ELECTRONIC
AUDIO SIGNALS

Docket : TRD 001 IA

Examiner : X. Mei

Art Unit : 2743

Assistant Commissioner for Patents
Washington, D.C. 20231

CERTIFICATE OF FACSIMILE TRANSMISSION

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Trademark Office (Fax. No. (703)-305-9508) on
December 11, 1998.

Robert L. Showalter

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Sir:

AMENDMENT

This paper is being filed in response to the Office Action mailed September 15, 1998.
Reconsideration and reexamination are respectfully requested in light of the amendments and
remarks below.

✓ ✓ IN THE CLAIMS

Please cancel claims 17, 18, 29 and 39.

Please amend claims 31 and 40 as follows:

31. (Four Times Amended) An apparatus [for enhancing the quality of an input audio signal
produced from audible sound and having a band of frequencies with a high end and a low end,
said apparatus] comprising:

a source of an input audio signal produced from audible sound and having a band of
frequencies with a high end and a low end; and

a circuit connected to said source to receive said input audio signal and operatively
adapted such that when [an] said input audio signal having a band of frequencies with a high end
and a low end is transmitted therethrough, the input audio signal is distorted so as to increase in
amplitude as per increasing frequencies from a reference frequency up to an amplitude peak at a
high frequency and, after the high frequency, decrease in amplitude as per increasing frequencies
toward the high end, and the reference frequency separates the band of frequencies into a band of
high frequencies and a band of low frequencies, whereby an enhanced audio signal is produced
such that audible sound reproduced from the enhanced audio signal exhibits a perceptively

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DATE: December 11, 1998

TO: Examiner Xu Mei
Art Unit 2743
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